

RESOLUTION NO. 2000-123

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE CITY MANAGER TO EXECUTE PROFESSIONAL SERVICES
AGREEMENT AND GRANT APPLICATIONS FOR
GROUNDWATER EVALUATION AND RECYCLED WATER
PROGRAMS AT WHITE SLOUGH WATER POLLUTION
CONTROL FACILITY

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WHEREAS, the City's wastewater discharge permit requires that we monitor groundwater upgradient and downgradient of our facility and assess impacts from our operations; and

WHEREAS, the City has performed limited work on this in the past, but much more information and analysis is necessary to adequately assess groundwater impacts from our facility. In addition, as we evaluate options for land disposal and/or recycling of water from our facility, much more information is needed; and

WHEREAS, should the City proceed with installation of tertiary treatment facilities as required in our permit, we will have water available for a variety of purposes that we do not have now; and

WHEREAS, staff requested two proposals from Saracino-Kirby Inc. for this work. Anthony Saracino is recognized statewide as an expert in groundwater and groundwater management, is very familiar with San Joaquin County and serves as the Executive Director for the East San Joaquin Parties Water Authority; and

WHEREAS, the first proposal pertains directly to the ground water evaluation. The scope of work is attached marked Exhibit A and totals \$28,000, but it is likely additional monitoring wells will be needed and the final cost will be higher; and

WHEREAS, the second proposal relates to recycled water, which is attached marked Exhibit B. Staff feels this project has an excellent chance of being grant funded. Staff's intent is to have the consultant do enough work to prepare a grant application and if it is successful, proceed with the remainder of the work. The estimated cost is \$80,000.00. Should the grant application not be successful, we will return to Council for further direction.

NOW, THEREFORE, BE IT RESOLVED, that the Lodi City Council does hereby authorize the City Manager to execute a professional services agreement with Saracino-Kirby Inc., for the work outlined above.

Dated: July 19, 2000

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I hereby certify that Resolution No. 2000-123 was passed and adopted by the Lodi City Council in a regular meeting held July 19, 2000 by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Land, Nakanishi, Pennino and Mann (Mayor)

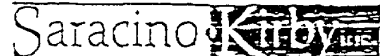
NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None

A handwritten signature in black ink, appearing to read "Susan J. Blackston", with a stylized flourish at the end.

SUSAN J. BLACKSTON
City Clerk



Water Planning & Management

June 23, 2000

Mr. Richard Prima
Director of Public Works
City of Lodi
P.O. Box 3006
Lodi, CA 95241-1910

Re: Proposal for consulting services

Dear Richard,

Saracino-Kirby, Inc. is pleased to present this proposal to provide the City of Lodi with water resource consulting services. Based on our recent meetings and review of various documents, we understand that the our primary objective will be to help the City comply with the groundwater elements contained in a recent order from the Regional Water Quality Control Board. That order directs the City to conduct monitoring of groundwater upgradient and down gradient of the wastewater treatment facilities, and to determine the adequacy of existing monitoring wells to accomplish this purpose.

To help the City accomplish these objectives, we propose the following tasks:

1. Evaluate existing groundwater monitoring data upgradient and downgradient of the wastewater treatment facilities and the biosolids disposal areas.
2. Determine if the discharge has caused an increase in constituent concentrations at the point of compliance, as compared to background.
3. Research the adequacy, per RWQCB requirements, of the existing seven wells for the purpose of monitoring groundwater upgradient and down gradient of the wastewater treatment facilities and the reclamation and biosolids disposal areas.

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Mr. Richard Prina
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4. Determine if additional monitoring well(s) will be necessary.
5. Prepare a report of findings for submittal to the RWQCB that includes plans and specifications for any additional wells that may be needed.

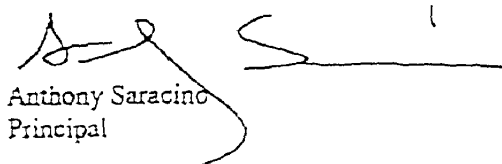
If the monitoring results reveal that the discharge has caused an increase in constituent concentrations at the point of compliance, as compared to background, the City is required to conduct a study of the extent of groundwater degradation. We would work with the City to develop a plan to evaluate the extent of degradation, in accordance with RWQCB requirements, and then implement a plan, as necessary, to mitigate the degradation.

Our estimated fee to complete the above scope of work is \$28,000. This fee is based on an estimated number of staff hours to complete the data review, analyses, and report preparation. We have not included the cost for additional monitoring wells, if necessary, since we do not yet know how many additional wells will be required. Once we have completed our preliminary evaluation, we will provide a separate cost estimate for the design and installation of additional monitoring wells.

We would bill on a time and materials basis in accordance with our attached fee schedule for the work accomplished. If this proposal is acceptable, please sign the attached agreement and return a copy as our written authorization to proceed.

We look forward to helping the City meet its water resource needs and objectives. Please call me if you have any questions regarding our proposed scope of work.

Sincerely,


Anthony Saracino
Principal

attachment


Saracino-Kirby inc.

Water Planning & Management

RECEIVED

JUN 05 2000

CITY OF LODI
PUBLIC WORKS DEPARTMENT

June 1, 2000

Mr. Richard Prima
Director of Public Works
City of Lodi
P.O. Box 3006
Lodi, CA 95241-1910

Re: Proposal for Consulting Services
Reclaimed Wastewater and Groundwater Recharge Program

Dear Richard,

Saracino-Kirby, Inc. is pleased to present this proposal to evaluate options for the City's reclaimed wastewater. We understand that you are considering groundwater recharge as one of those options. A number of issues will have to be addressed before designing and implementing a groundwater recharge program that utilizes reclaimed wastewater. Besides the technical, scientific and financial issues, there are significant public perception issues that arise when considering the use of reclaimed wastewater. Most Californians support greater water use efficiency and expanded use of reclaimed water, but there continues to be concerns about using the water and misunderstandings about health and safety.

We would help the City evaluate the potential to use secondary and tertiary treated wastewater for groundwater recharge, as well as address the initial public perception issues, by accomplishing the following scope of work:

1. Conduct a review and evaluation of relevant regulations pertaining to reclaimed water and groundwater recharge.
2. Evaluate local groundwater conditions with respect to recharge suitability.
3. Research available funding for projects that use reclaimed wastewater
4. Evaluate land application and other options for tertiary treated wastewater. This task will involve a number of elements, including evaluations of:

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- Recycled water supply availability and potential quality
 - Potential customers of recycled water and range of demand
 - Water quality of recycled water (tertiary) and quality requirements of potential customers
 - Additional treatment requirements
 - Distribution system requirements
 - Storage requirements
 - Site retrofit requirements.
5. Develop a comprehensive public outreach plan to educate targeted audiences and evaluate acceptance of the use of reclaimed wastewater for groundwater recharge. This task would include the following elements:
- Develop a long-term communication plan that includes a situation analysis, goals and objectives, strategies, and tactics to communicate technological advances and health and safety issues.
 - Develop a media relations strategy to implement proactive media outreach which will inform about groundwater recharge and the use of reclaimed water, educate about the issues, and inoculate against any potential "hot button" issues. The strategy will include meeting with local editorial boards and reporters, and coaching project spokespeople on key messages.
 - Research and evaluate other local reclamation projects – what were the hurdles, what worked, what didn't, what are current public perceptions about reclaimed water use?
 - Community relations: meet with local decision-makers to share information from the initial studies and elicit their support: County Board of Supervisors, City Council, Chamber of Commerce, Wine Grape Commission, other local growers and local Farm Bureau
 - Develop fact sheet(s) on water treatment and reclamation related to this project for use in media and community outreach.
 - Develop public outreach recommendations for full project implementation.

Upon completion of the above scope of work, we will prepare a report of findings that contains project implementation strategies, including:

- Institutional (inter-agency) agreements
- User agreements
- Public involvement, education, and relations plan
- Pricing policies
- Permit requirements
- Funding sources (USBR, SWRCB, Prop. 13, etc.)

- Staging of design and construction phases
- Rules and regulations for use of recycled water.

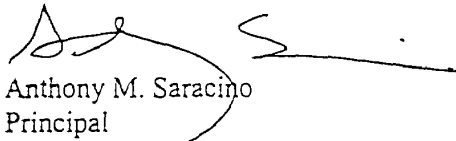
Our team for this task will include Bahman Sheikh, Ph.D., P.E. and Deen+Black, Public Relations. Dr. Sheikh has over 25 years of experience in water reuse and recycling. He has provided consultation to a variety of public and private clients, including the Metropolitan Water District of Southern California, the City of San Jose, and the Monterey Regional Water Pollution Control Agency, where he led a study of food safety using recycled water for irrigation of vegetables.

Deen+Black is a full-service public relations firm that specializes in creating and implementing strategic communications programs for controversial or technologically complex projects that have an impact on their surrounding environment and require extensive stakeholder outreach and public or resource agency involvement. Deen+Black has a long history of working effectively with government agencies, environmental groups, and agricultural and business communities. Deen+Black's client list includes:

- CALFED Bay-Delta Program
- Napa Valley Vintners Association
- Santa Clara Valley Water District
- Sacramento Water Forum
- South San Joaquin Irrigation District
- Southern Pacific Railyards Development Project
- Mather Air Force Base Conversion
- Sacramento Area Flood Control Agency
- Yuba County Water Agency.

Our estimated fee to complete the above scope of work is \$80,000. Please call me if you have any questions regarding our proposal. Our team would be happy to meet with you to discuss our approach to this project.

Sincerely,



Anthony M. Saracino
Principal